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DESCRIPTION OF SEVEN NEW SPECIES OF UNIONIDÆ OF THE
UNITED STATES.

BY ISAAC LEA.

Unio infulgens.

Testa lævi, suboblunga, inflata, inæquilaterali, postice subbiangulari, antice rotundata; valvulis crassis, antice crassioribus; natibus prominulis; epidermide nitida, polita, eradiata; dentibus cardinalibus subgrandibus, sulcatis et in utroque valvulo duplicibus; lateralibus longis, crassis subrectisque; margarita salmonis colore tincta et valde iridescente.

Hab. Stewart's Pond, Union Co., N. Car. C. M. Wheatley.

Unio subolivaceus.

Testa lævi, oblonga, subcompressa, inæquilaterali, postice obtuse angulari, antice rotundata; valvulis crassis, antice crassioribus; natibus prominulis; epidermide luteo olivacea, subnitida, eradiata; dentibus cardinalibus grandis, sulcatis, in utroque valvulo duplicibus; lateralibus percrassis, obliquis; margarita alba et iridescente.

Hab. Catawba River, Fox and Yadkin Rivers, N. Car. C. M. Wheatley.

Unio cirratus.

Testa lævi, oblonga, subcompressa, inæquilaterali, postice obtuse biangulari, antice rotunda; valvulis subcrassis, antice parum crassioribus; natibus prominulis; epidermide tenebroso-fusca, subcirrata, eradiata; dentibus cardinalibus parviusculis, sulcatis, in utroque valvulo duplicibus; lateribus sublongis, lamellatis subrectisque; margarita vel alba vel salmonis colore tincta et valde iridescente.

Hab. Abbeville Dist., S. C. Dr. Barratt.

Unio subcylindraceus.

Testa lævi, subcylindracea, valde transversa, valde inæquilaterali, postice obtuse biangulari, antice oblique rotundata; valvulis crassis, antice parum crassioribus; natibus prominulis; epidermideluteo-viridi, perradiata; dentibus cardinalibus parviusculis, compresso-conicis crenulatisque; lateralibus prælongis, lamellatis

subrectisque; margarita vel alba vel purpurea vel salmonis colore tincta et valde iridescente.

Hab. Rocky Creek, near Macon, Geo., J. C. Plant; and Carter's Creek, Geo., J. Postell.

Unio hastatus.

Testa lævi, transversa, subcompressa, valde inæquilaterali, postice angulata, antice rotunda; valvulis crassiusculis, antice parum crassioribus; natibus prominulis, epidermide luteo-oliva, obsolete radiata; dentibus cardinalibus parvis, subcompressis crenulatisque; lateralibus longis, lamellatis subrectisque; margarita alba et valde iridescente.

Hab. New Market, Abbeville Dist., S. C., Dr. L. R. Gibbs and Dr. Barratt; and Rocky Creek, near Macon, Geo., J. C. Plant.

Unio corneus.

Testa lævi, oblonga, subcompressa, ad latere parum planulata, inæquilaterali, postice biangulari, antice rotundata; valvulis crassiusculis; natibus prominulis; epidermide cornea, perradiata; dentibus cardinalibus crassiusculis et in utroque valvulo duplicibus; lateralibus longis, crassis subcurvisque; margarita pallido-purpurea vel salmonis colore tincta et iridescente.

Hab. Columbus, Geo., G. Hallenbeck; Abbeville Dist., S. C., Dr. Barratt; Marietta, Geo., J. C. Anthony.

Unio strumosus.

Testa lævi, rotundata, inflata, inæquilaterali, postice obtuse undulata, antice rotundata; valvulis crassis; natibus prominulis; epidermide tenebroso-fusca vel nigra, eradiata; dentibus cardinalibus subgrandibus, rugosis, in utroque valvulo duplicibus; lateralibus longis, rugosis curvatisque; margarita alba et iridescente.

Hab. Yadkin River, N. C. C. M. Wheatley.